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CORRIGENDA

Volume 263, July 1992
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Pages C116 and C118: Å. Sjöholm. "Differential effects of cytokines on long-term mitogenic and secretory responses of fetal rat pancreatic β-cells." Page C116, Table 1, the units for [Glucose] should read mM, and page C118, Table 3, the units for [IFN-γ] should read U/ml, as shown in the corrected tables. (The errors were inadvertently introduced by the printer at the final stage of proof.)

Table 1. *Effects of glucose, GH, and IL-1β on islet DNA synthesis and insulin secretion*

Islet Culture			DNA Synthesis, cpm/50 islets	Insulin Secretion, ng/50 islets per ml × 24 h
[Glucose], mM	[IL-1β], U/ml	[GH], μg/ml		
11.1			992±131	571±73
11.1	2.5		755±184	191±35[b]
11.1	12.5		964±318	266±24[b]
11.1	25		1,788±211[b]	307±29[a]
3.3			414±112	182±48
16.7			1,198±234[c]	756±85[c]
16.7	25		2,024±311[c,a]	421±53[c,a]
11.1			1,019±164	608±88
11.1		1	2,430±255[d]	948±81[d]
11.1	25	1	3,075±183[d,f]	233±22[d,f]

Values are means ± SE for 6–8 experiments. Islets were cultured free floating for 3 days in medium RPMI 1640 containing 1% fetal calf serum and supplemented as indicated. DNA synthesis rates were determined by measuring incorporation of [^{3}H]thymidine into DNA. Insulin secretion into culture medium during the final 24 h of culture was determined radioimmunologically. [a] $P < 0.05$ and, [b] $P < 0.01$ for chance differences vs. 11.1 mM glucose without interleukin-1β (IL-1β) using Student's paired t test; [c] vs. 3.3 mM glucose, [d] vs. 11.1 mM glucose, [e] vs. 16.7 mM glucose, and [f] vs. growth hormone (GH) denote 95% multicomparison significance level using one-way factorial ANOVA.

Table 3. *Effects of glucose, GH, and IFN-γ on islet DNA synthesis and insulin secretion*

Islet Culture			DNA Synthesis, cpm/50 islets	Insulin Secretion, ng/50 islets per ml × 24 h
[Glucose], mM	[IFN-γ], U/ml	[GH], μg/ml		
11.1			742±85	455±59
11.1	10		816±178	443±68
11.1	100		758±67	262±29[a]
11.1	1,000		981±79[a]	238±21[a]
3.3			322±41	136±36
16.7			812±92[b]	587±61[b]
16.7	1,000		897±68[b]	409±29[b,d]
11.1			713±88	472±51
11.1		1	1,811±191[c]	836±69[c]
11.1	1,000	1	1,914±201[c]	414±58[e]

Values are means ± SE for 6–8 experiments. Islets were cultured for 3 days as indicated. During final 5 h of culture, 1 μCi/ml [^{3}H]thymidine was present in culture media, and DNA synthesis rates were determined by measuring radioactivity incorporated into trichloroacetic acid-precipitable material. Insulin secretion into culture medium during final 24 h of culture was determined radioimmunologically. [a] $P < 0.05$ for chance differences vs. 11.1 mM glucose without interferon-γ (IFN-γ) using Student's t test; [b] vs. 3.3 mM glucose; [c] vs. 11.1 mM glucose; [d] vs. 16.7 mM glucose, and [e] vs. GH denote 95% multicomparison significance level using one-way factorial ANOVA.